

L Number	Hits	Search Text	DB	Time stamp
48	3666	"setting gamma" or "gamma table" or (loading with "operating system") or ((intercept\$ with (event or queue)) and (keycode or (key adj1 codes) or "function key" or "function keys" or keycodes)) or ("setting gamma" and "gamma table") or (brightness with gamma) or (brightness with gamma) or (zero with (set or setting) with (gamma or brightness)) or ((brightness with gamma) same (brightness with gamma)) or ((brightness with gamma) and (zero with (set or setting) with (gamma or brightness))) or (security and ((brightness with gamma) or (zero with (set or setting) with (gamma or brightness)))) or (((display or screen) with (zero with (set or setting) with (gamma or brightness))) or (((display or screen) with (zero with (set or setting) with (gamma or brightness))) OR (security and ((brightness with gamma) or (zero with (set or setting) with (gamma or brightness)))) AND (713/\$).CCLS.) or (GAMMA AND (713/\$).CCLS.) or (HIDDEN AND (713/\$).CCLS.) or ((GAMMA AND (713/\$).CCLS.) and (HIDDEN AND (713/\$).CCLS.)) or (gamma and loading and "operating system") or ((gamma and loading and "operating system") AND (713/\$).CCLS.) or ((BRIGHT OR DARK OR HIDDEN) AND (713/\$).CCLS.) or ("gamma table" AND (713/\$).CCLS.)	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 15:27
49	206	345/\$.ccls. and 713/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 15:27
50	31	(345/\$.ccls. and 713/\$.ccls.) and ("setting gamma" or "gamma table" or (loading with "operating system") or ((intercept\$ with (event or queue)) and (keycode or (key adj1 codes) or "function key" or "function keys" or keycodes)) or ("setting gamma" and "gamma table") or (brightness with gamma) or (brightness with gamma) or (zero with (set or setting) with (gamma or brightness)) or ((brightness with gamma) same (brightness with gamma)) or ((brightness with gamma) and (zero with (set or setting) with (gamma or brightness))) or (security and ((brightness with gamma) or (zero with (set or setting) with (gamma or brightness)))) or ((display or screen) with (zero with (set or setting) with (gamma or brightness))) or (((display or screen) with (zero with (set or setting) with (gamma or brightness))) OR (security and ((brightness with gamma) or (zero with (set or setting) with (gamma or brightness)))) AND (713/\$).CCLS.) or (GAMMA AND (713/\$).CCLS.) or (HIDDEN AND (713/\$).CCLS.) or ((GAMMA AND (713/\$).CCLS.) and (HIDDEN AND (713/\$).CCLS.)) or (gamma and loading and "operating system") or ((gamma and loading and "operating system") AND (713/\$).CCLS.) or ((BRIGHT OR DARK OR HIDDEN) AND (713/\$).CCLS.) or ("gamma table" AND (713/\$).CCLS.))	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 15:27
51	5	gamma and ((345/\$.ccls. and 713/\$.ccls.) and ("setting gamma" or "gamma table" or (loading with "operating system") or ((intercept\$ with (event or queue)) and (keycode or (key adj1 codes) or "function key" or "function keys" or keycodes)) or ("setting gamma" and "gamma table") or (brightness with gamma) or (brightness with gamma) or (zero with (set or setting) with (gamma or brightness)) or ((brightness with gamma) same (brightness with gamma)) or ((brightness with gamma) and (zero with (set or setting) with (gamma or brightness))) or (security and ((brightness with gamma) or (zero with (set or setting) with (gamma or brightness)))) or ((display or screen) with (zero with (set or setting) with (gamma or brightness))) or (((display or screen) with (zero with (set or setting) with (gamma or brightness))) OR (security and ((brightness with gamma) or (zero with (set or setting) with (gamma or brightness)))) AND (713/\$).CCLS.) or (GAMMA AND (713/\$).CCLS.) or (HIDDEN AND (713/\$).CCLS.) or ((GAMMA AND (713/\$).CCLS.) and (HIDDEN AND (713/\$).CCLS.)) or (gamma and loading and "operating system") or ((gamma and loading and "operating system") AND (713/\$).CCLS.) or ((BRIGHT OR DARK OR HIDDEN) AND (713/\$).CCLS.) or ("gamma table" AND (713/\$).CCLS.))	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 15:44
54	583	"screen saver"	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 15:45

55	31	dark with "screen saver"	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:13
58	53	(gamma or brightness) and "screen saver"	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:19
59	3	((gamma or brightness) and "screen saver") and gamma	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:21
60	10141	(video or screen or monitor or display) same gamma	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:29
61	1	((video or screen or monitor or display) same gamma) and "screen saver"	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:28
62	723	(controlling or setting) same ((video or screen or monitor or display) same gamma)	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:29
63	97	345/\$.ccls. and ((controlling or setting) same ((video or screen or monitor or display) same gamma))	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:30
64	2803	(black or blank) adj3 screen	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:30
65	4	(345/\$.ccls. and ((controlling or setting) same ((video or screen or monitor or display) same gamma))) and ((black or blank) adj3 screen)	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:38
66	25	security same ((black or blank) adj3 screen)	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:39
68	5	(security same ((black or blank) adj3 screen)) and 713/\$.ccls.	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 16:39

L Number	Hits	Search Text	DB	Time stamp
1	858	intercept\$ with (event or queue)	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 12:56
2	21930	keycode or (key adj1 codes) or "function key" or "function keys" or keycodes	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 13:22
5	12	(intercept\$ with (event or queue)) with security	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 12:56
6	1874000	compare\$1 or comparing or match\$	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 12:58
9	8	((intercept\$ with (event or queue)) with security) and:(compare\$1 or comparing or match\$)	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 13:02
10	161651	keyboard	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 13:02
11	18	(intercept\$ with (event or queue)) with keyboard	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 13:12
15	1	queue with event\$1 with ((intercept\$ with (event or queue)) with keyboard)	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 13:15
16	4	queue with event\$1 with intercepting	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 13:18
19	7	(keycode or (key adj1 codes) or "function key" or "function keys" or keycodes) with queue with event\$1	USPAT; EPO; JPO; DERWENT; IBM TDB	2001/12/28 13:23

US-PAT-NO: 6282327

DOCUMENT-IDENTIFIER: US 6282327 B1

TITLE: Maintaining advance widths of existing characters that have been resolution enhanced

DATE-ISSUED: August 28, 2001

US-CL-CURRENT: 382/299,345/469,345/472,382/203,382/256

APPL-NO: 9/ 364364

DATE FILED: July 30, 1999

BSPR:

To reiterate, the type rasterization process 520 basically transforms character outlines into bitmapped images. The scale of the bitmap may be based on the point size of the font and the resolution (e.g., pixels per inch) of the display device 460. The text, font, and point size information may be obtained from the application 410, while the resolution of the display device 460 may be obtained from a system configuration or display driver file or from monitor settings stored in memory by the operating system. The display information 424 may also include foreground/background color information, gamma values, color palette information and/or display adapter/display device pixel value format information. To reiterate, this information may be provided from the graphics display interface 422 in response to a request from the application process 410. If, however, the background of the text requested is to be transparent (as opposed to opaque), the background color information is what is being rendered on the display (such as a bitmap image or other text for example) and is provided from the display device 460 or the video frame buffer 454.

BSPR:

The purpose of hinting (also referred to as "instructing a glyph") is to ensure that critical characteristics of the original font design are preserved when the glyph is rendered at different sizes and on different devices. Consistent stem weights, consistent "color" (that is, in this context, the balance of black and white on a page or screen), even spacing, and avoiding pixel dropout are common goals of hinting. In the past, uninstructed, or unhinted, fonts would generally produce good quality results at sufficiently high resolutions and point sizes. However, for many fonts, legibility may become compromised at smaller point sizes on lower resolution displays. For example, at low resolutions, with few pixels available to describe the character shapes, features such as stem weights, crossbar widths and serif details can become irregular, or inconsistent, or even missed completely.

CCXR:

345/469

CCXR:

345/472

US-PAT-NO: 6014746

DOCUMENT-IDENTIFIER: US 6014746 A

TITLE: Workstation lock and alarm system

DATE-ISSUED: January 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Krehnke; David C.	Lenoir City	TN	N/A	N/A
Streetman; Kibbee D.	Oak Ridge	TN	N/A	N/A
Krehnke; Mollie E.	Lenoir City	TN	N/A	N/A
Moore; Michael R.	Corryton	TN	N/A	N/A
Tapp; Eddie R.	Jacksboro	TN	N/A	N/A

US-CL-CURRENT: 713/200

ABSTRACT:

The system of the present invention provides physical access control for storage media in stand-alone workstations which are processing classified or unclassified sensitive information. The system protects the workstation media from theft, tampering and from observation of the monitor by passers-by. The system, when invoked, presents an alarmed-state security screen, allows only passwords to be entered from the keyboard, and protects writable media from access or removal. An alarm sounds if (a) any drives (both internal and external) containing writable media are opened or removed, (b) the program is interrupted, (c) too many invalid password characters are entered, or (d) the power is interrupted.

21 Claims, 14 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 14

DEPR:

In one embodiment, the hardware portion of the present invention is installed in an 8-bit slot of a DOS-based PC to provide physical access protection to an unattended PC processing or containing classified or sensitive information. When invoked, the system blanks or occludes the workstation screen of data and presents the alarmed-state security screen. The system allows only passwords to be entered from the keyboard, and protects writable media from attempted access, tamper or removal. An alarm sounds if (a) any drives containing writable media are opened, tampered with, or removed, (b) the program is interrupted (e.g., CTRL-ALT-DEL), (c) too many invalid password characters are entered, or (d) the power is interrupted.

CCOR:

713/200

Thursday 4:00 PM.

112

8
10

102

1, 2, 4

6

103

3
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7

9

13

US-CL-CURRENT: 708/135,713/183

US-PAT-NO: 5355414

DOCUMENT-IDENTIFIER: US 5355414 A

TITLE: Computer security system

DATE-ISSUED: October 11, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hale; Robert P.	Irvine	CA	N/A	N/A
Kurashige; Jason T.	Irvine	CA	N/A	N/A

US-CL-CURRENT: 713/202, 708/135, 713/183

ABSTRACT:

A computer security device for preventing unauthorized access to a computer system automatically disables peripheral device access to the computer system after the peripheral input devices remain inactive for a predetermined period. The system comprises a host computer which is in communication with a keyboard controller and a display. The keyboard controller is in communication with one or more peripheral input devices such as a keyboard and a mouse. The computer security device operates in the keyboard controller, independent from the host. The keyboard controller activates security after a preset time period during which the mouse and keyboard remain inactive. When the security is active, the keyboard controller disables transfers to the host computer from the peripheral input devices. In order to re-enable peripheral device access to the host computer, a user enters a correct password on the keyboard. In a preferred embodiment, the display is also deactivated when security is active. Thus, if the user leaves a computer station, any information which was displayed on the screen is not viewable.

18 Claims, 7 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

DEPR:

The functions represented with the subroutine block 334 are described in greater detail with reference to the flow chart of FIG. 4. The flow chart of FIG. 4 begins at a start block 400. At a process block 402, the keyboard controller 120 prevents access to the host 110 from the peripheral input devices and disables the display 150 (e.g., the display is blanked). The display 150 may be blanked by means of a signal transmitted from a special blanking port which may be incorporated within the keyboard controller (e.g., the MIKI controller from AST.RTM. includes a special blanking port connected to the host via the signal line 126), or a routine within the keyboard controller 120 may be configured to issue a blanking scan code command to the host 110 (e.g., in Cruise Control Version 3.02 the [5] [Del] keystroke sequence blanks the screen, as well known in the art). It should be noted, however, that the blanking of the terminal display screen 150 is an optional function of the system 100, and the security mode may be activated without blanking the display screen 150. As a further example, a unique pattern may be displayed on the screen to indicate that the security system is in effect.

DEPR:

The present invention may be embodied in other specific forms without departing from its spirit or essential characteristics. For example, the computer

security system may simply blank the terminal screen 150 without intercepting the non-password data from the keyboard 130. Also, the computer security system may disable other peripheral devices which are connected to the host 110 by means of the keyboard controller input ports. Thus, the described embodiments are to be considered in all respects only as illustrative and not restrictive. The scope of the invention is, therefore, indicated by the appended claims rather than by the foregoing description. All changes which come within the meaning and range of equivalency of the claims are to be embraced within their scope.

CCOR:

713/202

CCXR:

713/183

US-PAT-NO: 4694280

DOCUMENT-IDENTIFIER: US 4694280 A

TITLE: Keyboard entry system

DATE-ISSUED: September 15, 1987

US-CL-CURRENT: 341/26,341/27,400/100,708/142,708/146

APPL-NO: 6/ 856644

DATE FILED: April 25, 1986

PARENT-CASE:

CROSS REFERENCE TO RELATES APPLICATION This application is a continuation-in-part of copending application Ser. No. 574,894, filed Jan. 30, 1984, now U.S. Pat. No. 4,638,306.

DEPR:

In the event the elapsed time $t_{sub.R} - t_{sub.D}$ between a key release and the immediately preceding key depression is less than K, all of the key codes currently stored in the queue are treated as consecutive key codes corresponding to consecutive key strokes. These key codes are sent as consecutive key strokes to the application program 90' and the queue is emptied.

DEPR:

In the event the elapsed time $t_{sub.R} - t_{sub.D}$ is greater than or equal to K, the program then checks to determine the number of key codes stored in the queue. If no key codes are stored in the queue, no action is taken. If one key code is stored in the queue, the single key code from the queue is sent out as a single key stroke to the application program 90' and the queue is emptied. In the event that the queue contains more than one key code, all of the key codes from the queue are treated as a single chord and are sent as a chorded character entry to the dictionary lookup system 70. The queue is then emptied.

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UserID: LHua

Computer: WS10131

Date: 12/28/2001

Time: 13:30

Document Listing

Document	Image pages	Text pages	Error pages
US 4694280 A	0	1	0
Total	0	1	0

US-PAT-NO: 5740436

DOCUMENT-IDENTIFIER: US 5740436 A

TITLE: System architecture for configuring input and output devices of a computer

DATE-ISSUED: April 14, 1998

US-CL-CURRENT: 713/1, 345/839, 345/866, 709/328, 713/100

APPL-NO: 8/ 471656

DATE FILED: June 6, 1995

DEPR:

A typical display sub-window 500 is illustrated in FIG. 6, for example. Even though display features vary, the display sub-window 500 illustrated in FIG. 6 is representative and includes settings for color depth, resolution, special gamma, cursor visibility, and a check box for showing or hiding display identification windows. This representation is derived based on the organizational strategy for the sub-window.

CCOR:

713/1

CCXR:

345/839

CCXR:

345/866

CCXR:

713/100